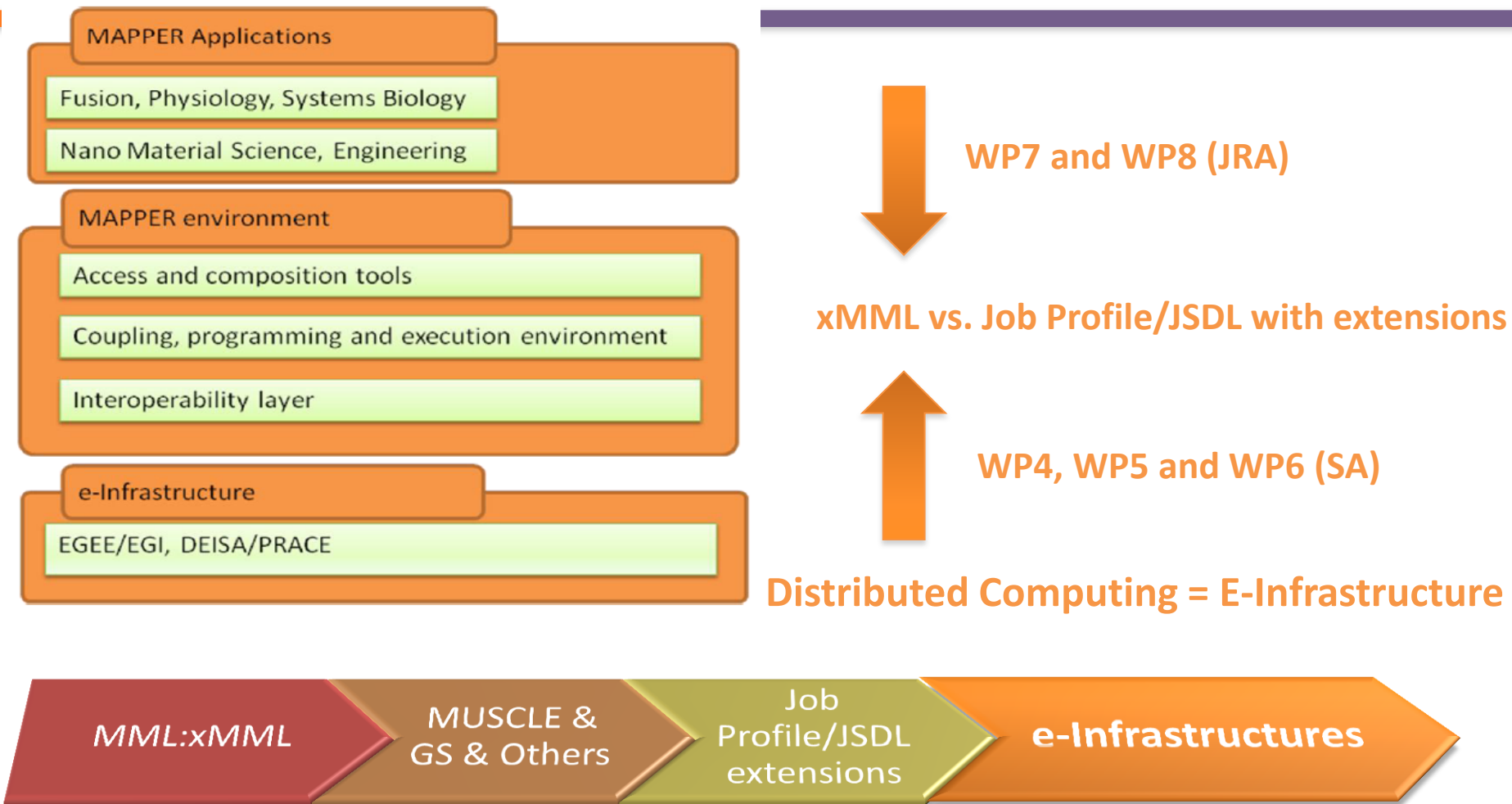
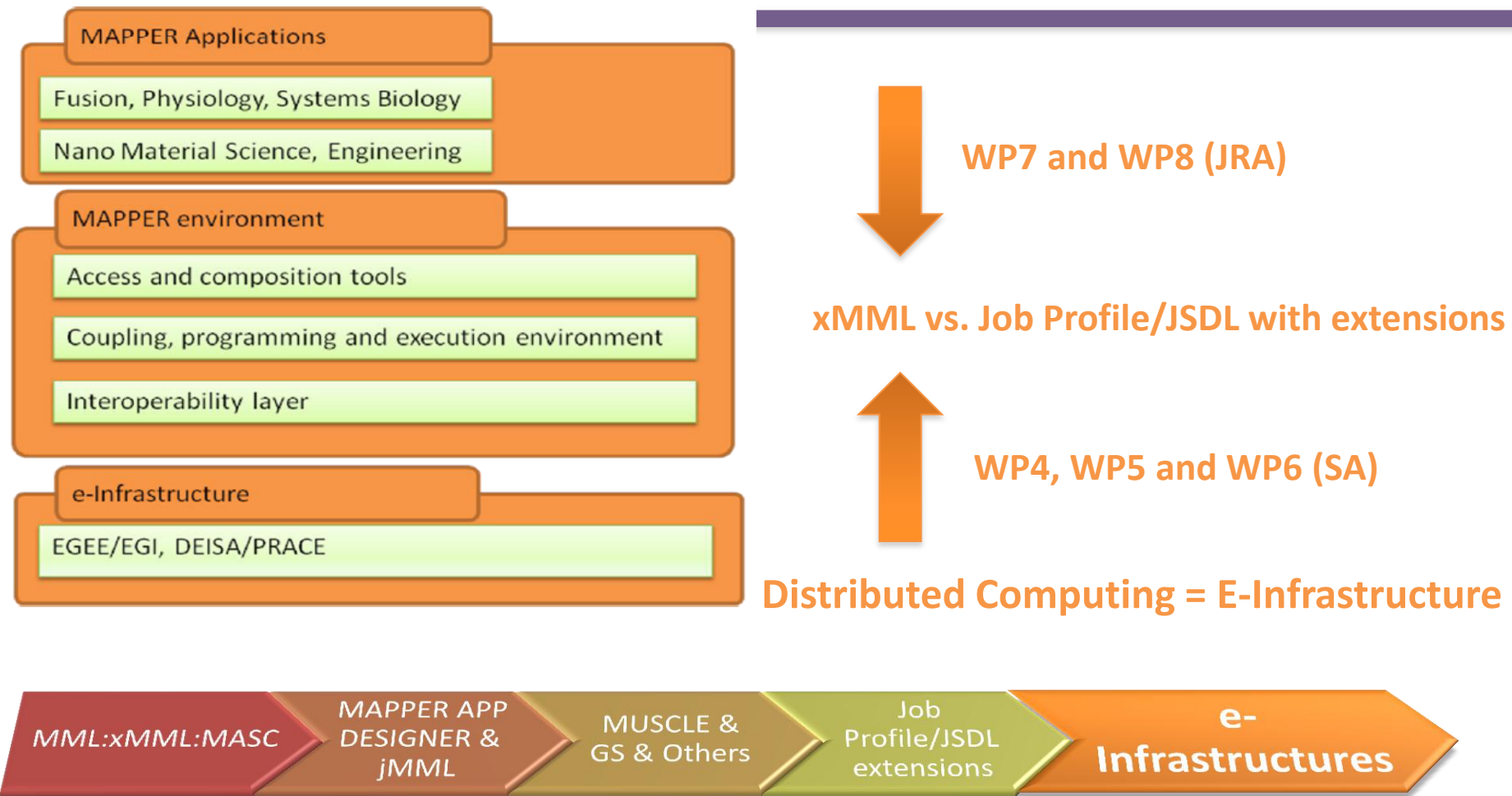


Service Activities in MAPPER

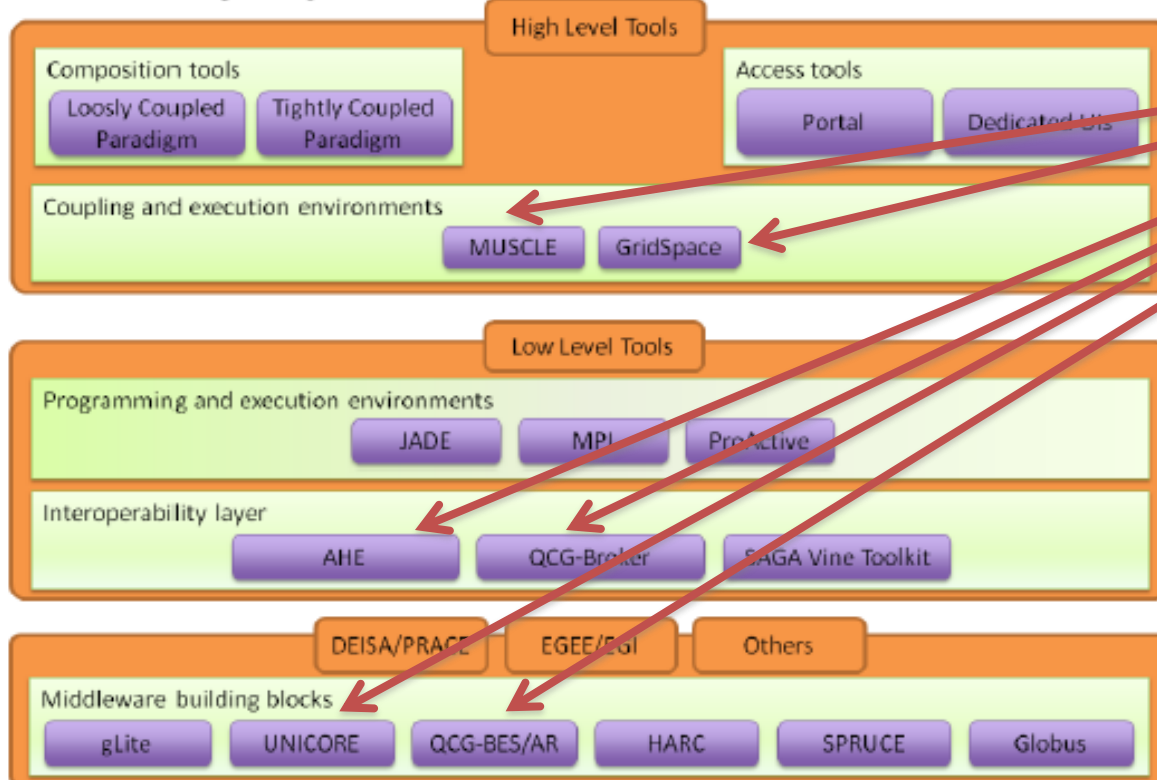
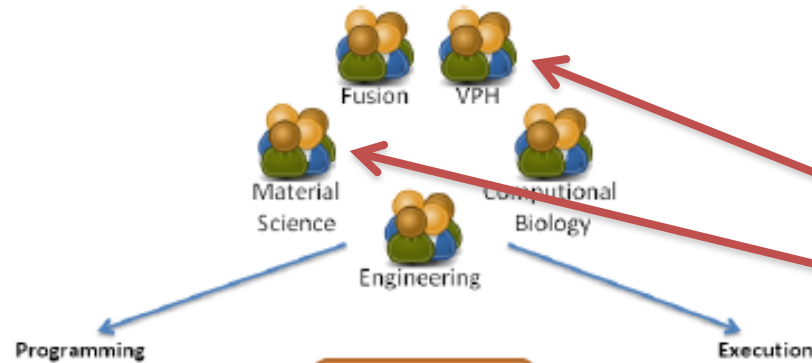




Service Activities in MAPPER – (UPDATE)



Service Activities (WP4,5,6)



Registry ?

Components selected for the first review

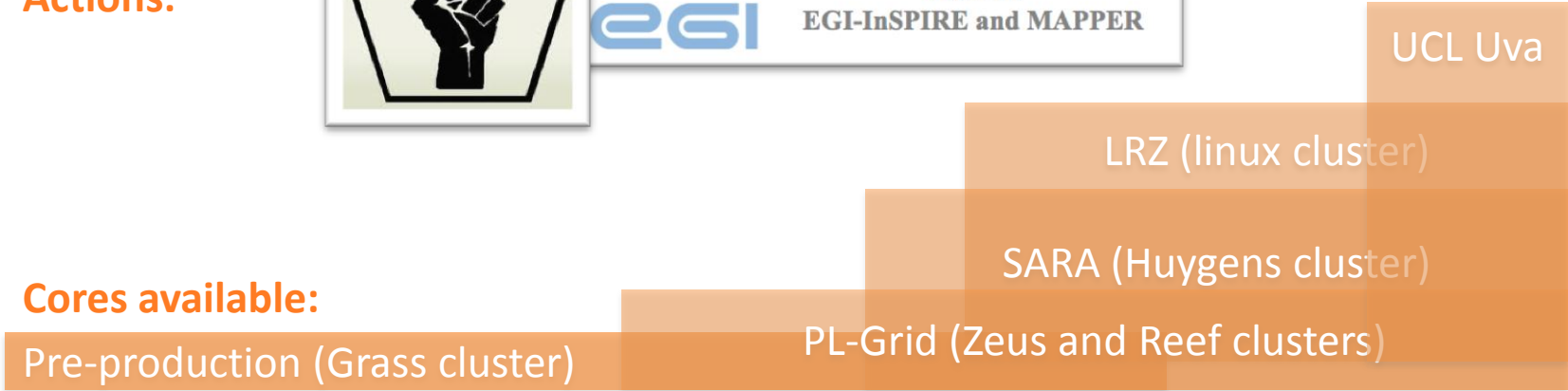
External e-Infrastructure meetings



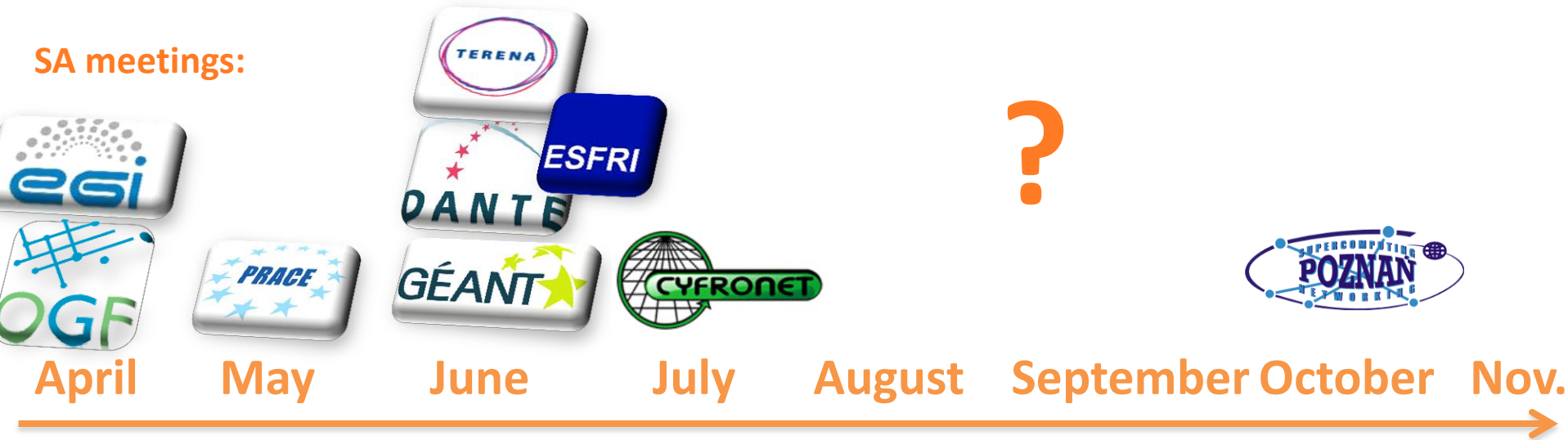
Actions:



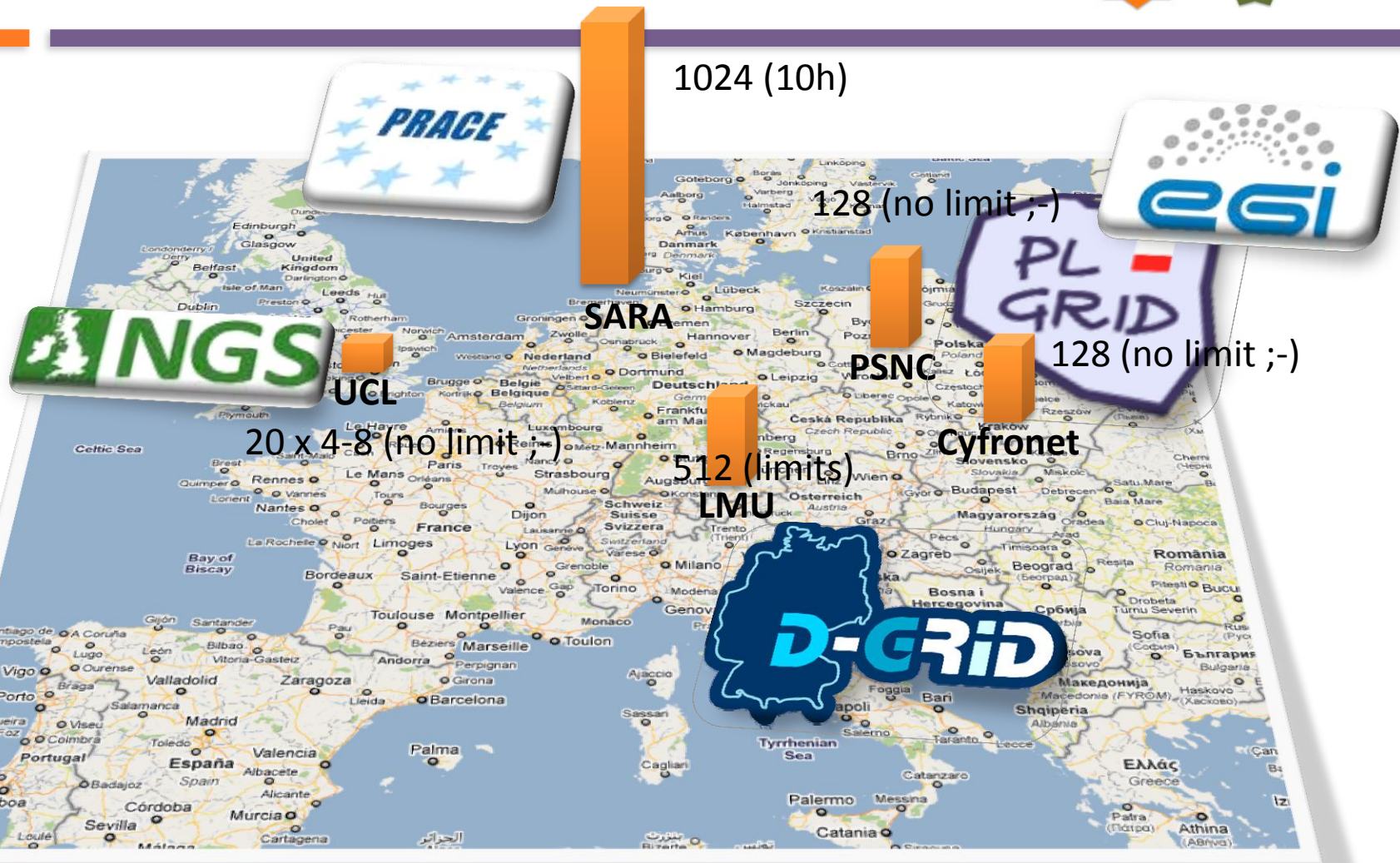
Cores available:



SA meetings:



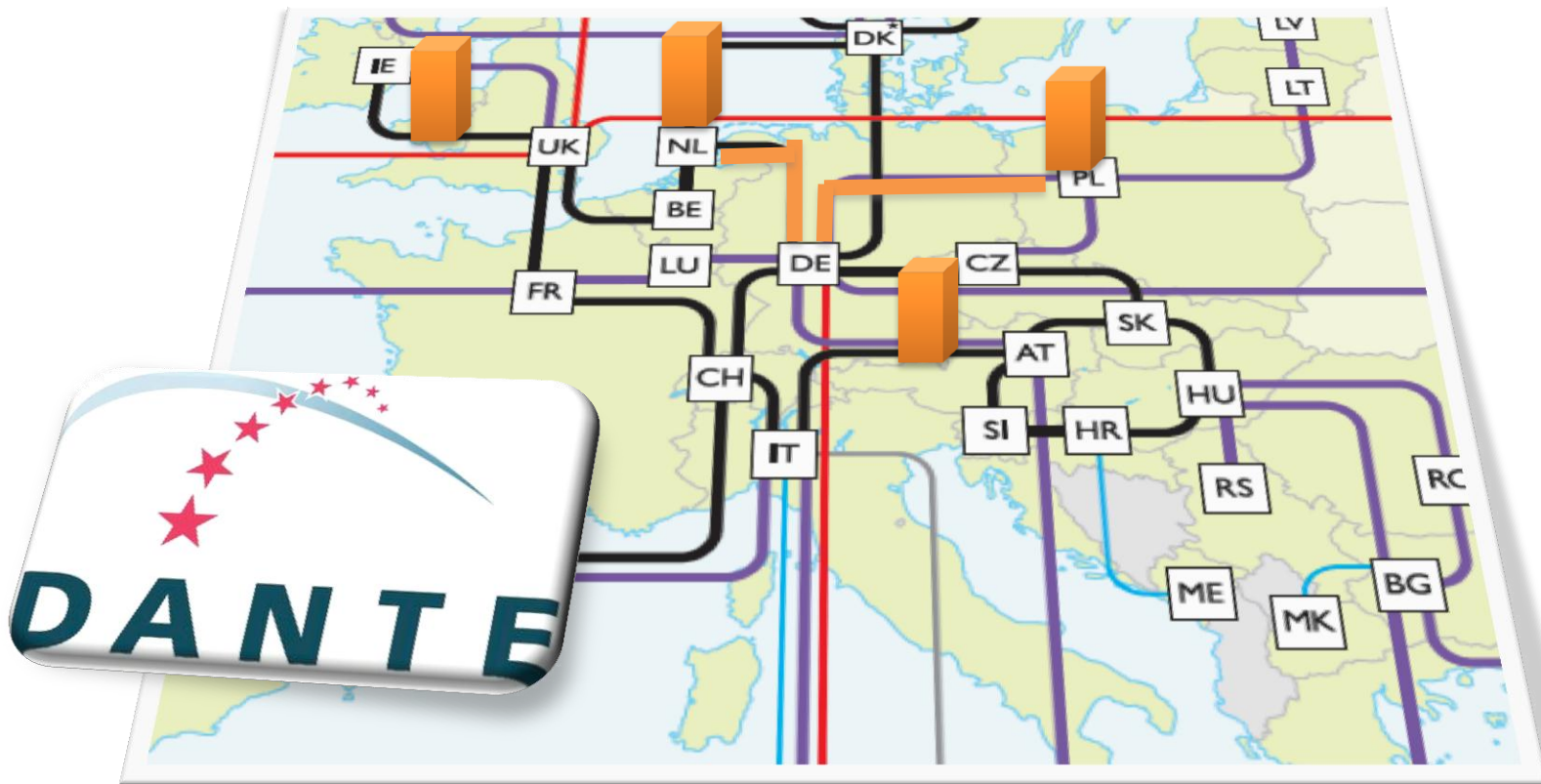
Computing e-Infrastructure



Networking e-Infrastructure



1Gb on demand available from PSNC to UvA
10 x 4 Gb (under tests, 2012/13)





- Offered (Unicore, gLite):
 - Interactive access
 - Data management
 - Job execution
 - Post-processing, e.g. visualization
- Not available (it will be thanks to QCG ;-):
 - Workflow management and execution (parallel jobs are part of workflows)
 - Advance reservation
 - Co-allocation
 - Cross-cluster MPI (QCG-OMPI)
 - Cross-cluster coupling library and services - MUSCLE

MAPPER components (update)

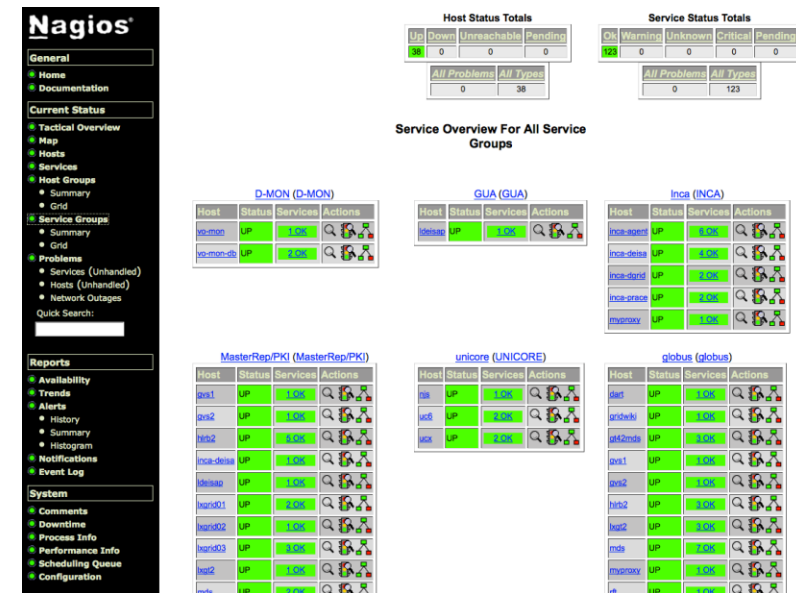


- Fundamental blocks
 - ~~HARC (queuing system commands via scripts)~~
 - QCG-BES/AR (AR extensions in DRMAA)
 - MUSCLE services and other app tools (MAD, MaMe Registry, ...)
- Interoperability services and tools
 - QosCosGrid Broker (QCG-Broker)
 - GridSpace 2
 - Application Hosting Environment (AHE)
 - ~~A Simple API for Grid Applications (SAGA)~~
 - Vine Toolkit (QCG Broker – Unicore, GridSpace – CoG)

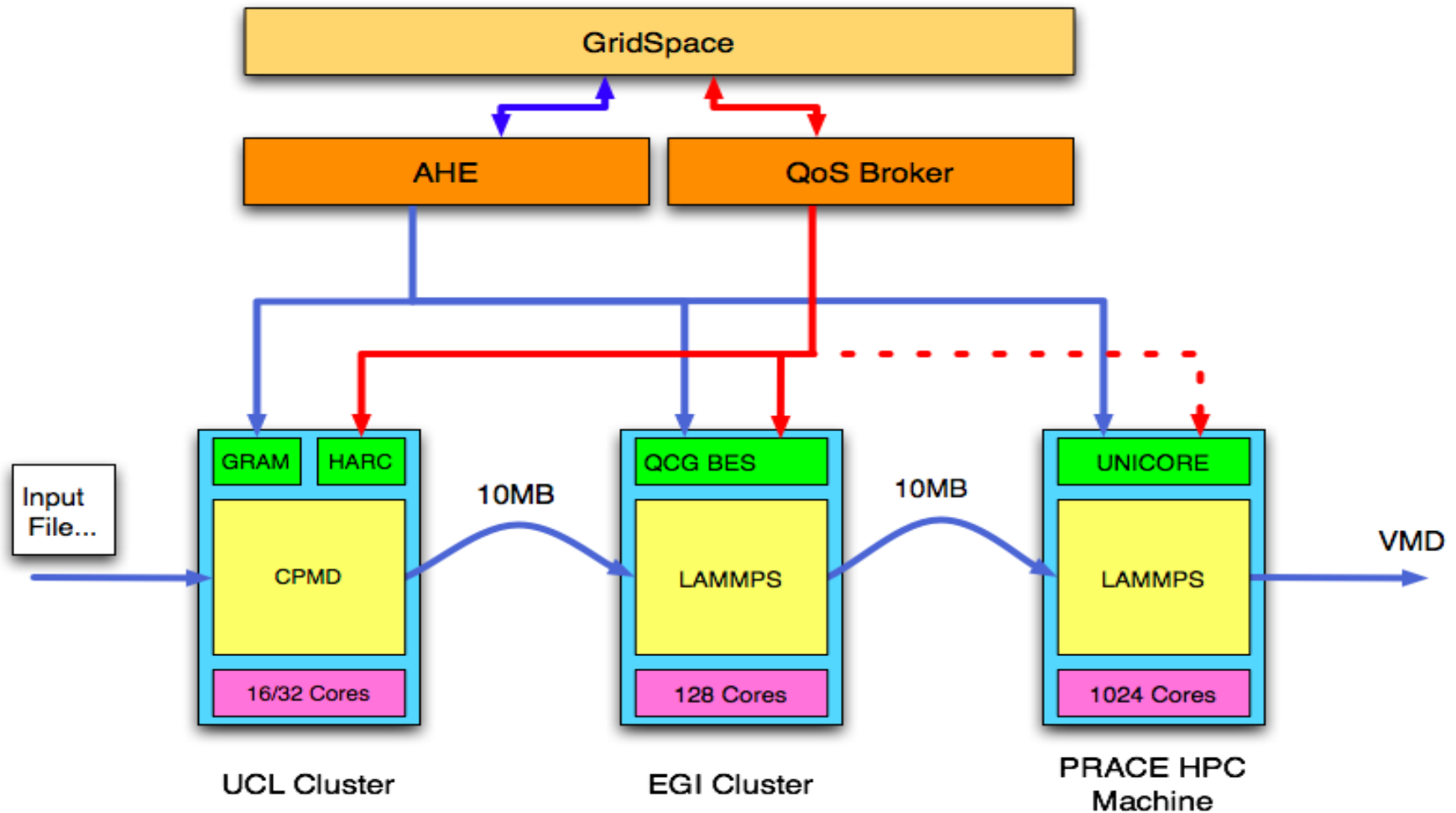
Monitoring



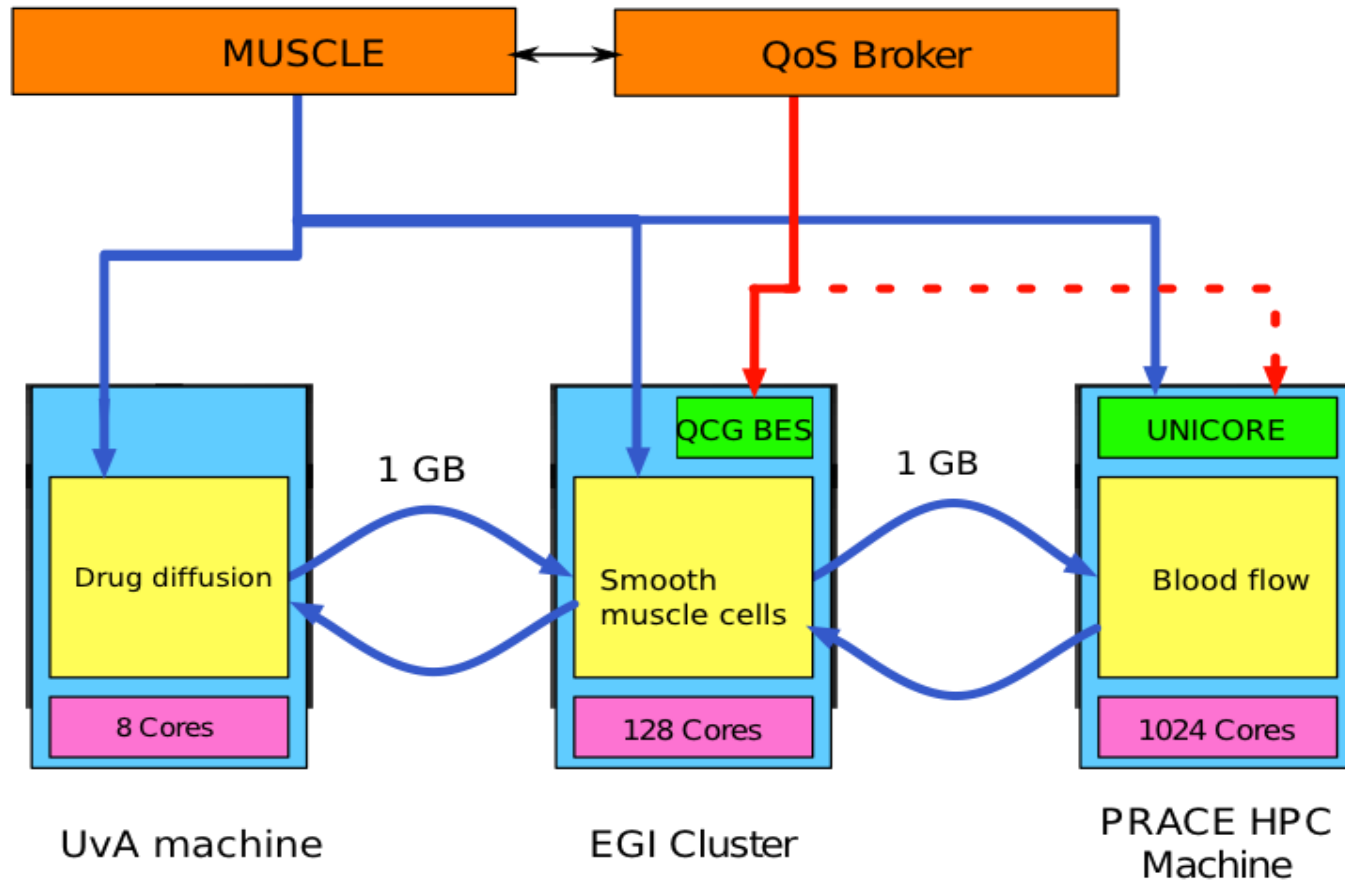
- Provide information about availability and functionality of MAPPER services
- Nagios
 - Hosted at LRZ
 - Real-time service status
 - Failure notification
 - Statistics
 - Integration with EGI and PRACE monitoring



Use case – loosely coupled



Use case – tightly coupled



Security



- X.509 Proxy Certificates (services)
- Username/Passwords (local access)
- A new wiki page (keep it up-to-date):
- <http://www.mapper-project.eu/web/guest/wiki/-/wiki/Main/Accounts>

URLs you should remember



- SVN:

- <https://apps.man.poznan.pl/svn/muscle>
- ...

- Nagios:

- Check out our wiki